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Abstract
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2	The present invention relates to a method for
3	producing patient specific anti-cancer antibodies using a
4	novel paradigm of screening. By segregating the anti-cancer
5	antibodies using cancer cell cytotoxicity as an end point,
6	the process makes possible the production of anti-cancer
7	antibodies customized for the individual patient that can be
8	used for therapeutic and diagnostic purposes. The invention
9	further relates to the process by which the antibodies are
10	made and to their methods of use. The antibodies can be made
11	specifically for one tumor derived from a particular patient
12	and are selected on the basis of their cancer cell
13	cytotoxicity and simultaneous lack of toxicity for non-
14	cancerous cells. The antibodies can be used in aid of
15	staging and diagnosis of a cancer, and can be used to treat
16	tumor metastases. The anti-cancer antibodies can be
17	conjugated to red blood cells obtained from that patient and
18	re-infused for treatment of metastases based upon the
19	recognition that metastatic cancers are usually well
20	vascularized and the delivery of anti-cancer antibodies by
21	red blood cells can have the effect of concentrating the
22	antibodies at the site of the tumor.
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